

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application. An identifier indicating the status of each claim is provided.

Listing of Claims

1. (Currently Amended) A data recording/reproducing apparatus comprising: a non-linearly accessible recording medium, recording/reproducing means for recording/reproducing material including video and/or audio data from a non-linearly accessible recording medium; with respect to the recording medium, and a plurality of input/output processing means for processing the material inputted from the external to output it to the recording/reproducing means and for processing reproduction material outputted from the recording/reproducing means to output it to the external, wherein the respective input/output processing means output the material to the recording/reproducing means within assigned time slot period, and the material is caused to be inputted from the recording/reproducing means, the data recording/reproducing apparatus comprising:

information file preparing means for preparing an information file relating to a first time position located forward with respect to an editing time period of the recording/reproducing material and a second time position located backward with respect to the editing time period; and control means for controlling the recording/reproducing means so as to reproduce the edited material from the first time position to the second time position of the recording/reproducing material on the basis of the information file prepared by the information file preparing means.

2. (Currently Amended) The data recording/reproducing apparatus as set forth in claim 1, wherein the first time position is a preroll point with respect to the editing period and the second time position is a postroll point with respect to the editing period.

3. (Currently Amended) The data recording/reproducing apparatus as set forth in claim 2, wherein the information file preparing means further comprises reproduction file preparing means for preparing reproduction file indicating the editing time period, and storage means for storing in advance position information relating to period lengths up to the preroll point and the postroll point, thus to prepare the reproduction information from the reproduction file and the position information.

4. (Original) The data recording/reproducing apparatus as set forth in claim 3, wherein the reproduction file consists of information indicating reproduction start position from recording start position recorded on the recording medium of the material, and information indicating reproduction end position corresponding to material length to be reproduced from the reproduction start position.

5. (Currently Amended) The data recording/reproducing apparatus as set forth in claim 1, wherein when reproduction is completed from the first time position to the second time position at the recording/reproducing means, the control means deletes the information file.

6. (Currently Amended) The data recording/reproducing apparatus as set forth in claim 1, which further comprises display means on which the material reproduced from the recording/reproducing means is displayed,

wherein the material reproduced from the first time position to the second time position is displayed on the display means.

7. (Currently Amended) The data recording/reproducing apparatus as set forth in claim 1, wherein information relating to the first time position and the second time position are comprise time eodes.

8. (Currently Amended) The data recording/reproducing apparatus as set forth in claim 1, wherein information relating to the first time position and the second time position are comprise address value values on the recording medium.

9. (Currently Amended) A data recording/reproducing method of providing access to material including video and/or audio data ~~within assigned slot period to record such data, and of providing access to the material recorded with respect to the recording medium within the time slot period so that the reproduced material is inputted, the data recording/reproducing~~ the method comprising:

a first step of recording the material on a non-linearly accessible recording medium;

a second step of preparing information file relating to a first time position located forward with respect to an editing time period of the material and a second time position located backward with respect to the editing time period; and

a third step of reproducing the edited material from the first time position to the second time position on the basis of the information file.

10. (Currently Amended) The data recording/reproducing method as set forth in claim 9, wherein the second step further includes a step of preparing a reproduction file indicating the editing time period, a step of storing a position information relating to a period

length up to a preroll point and a postroll point, and a step of preparing the reproduction information from the reproduction file and the position information.

11. (Currently Amended) The data recording/reproducing method as set forth in claim 10, wherein the reproduction file consists of information indicating a reproduction start position from a recording start position recorded on the recording medium of the material, and information indicating a reproduction end position corresponding to material length to be reproduced from the reproduction start position.

12. (Currently Amended) The data recording/reproducing method as set forth in claim 9, wherein the first time position is a preroll point with respect to the editing time period, and the second time position is a postroll point with respect to the editing time period.

13. (Currently Amended) The data recording/reproducing method as set forth in claim 9, which further includes a fourth step of reproducing the material from the first time position to the second time position thereafter to delete the reproduction information.

14. (Currently Amended) The data recording/reproducing method as set forth in claim 9, which further includes a fifth step of displaying, on display means, the material which has been reproduced from the first time position to the second time position.

15. (Currently Amended) The data recording/reproducing method as set forth in claim 9, wherein information relating to the first time position and the second time position are comprise time eodesodes.

16. (Currently Amended) The data recording/reproducing method as set forth

in claim 9, wherein information relating to the first time position and the second time position are address value-values on the recording medium.

17. (New) A method of emulating linear reproducing editing material from a non-linearly accessible recording medium, the method comprising:
- recording the editing material on the non-linearly accessible recording medium;
- preparing an information file having a first time position located prior in time with respect to an editing material time period and a second time position located later in time with respect to the editing material time period; and
- reproducing the edited material from the first time position to the second time position on the basis of the information file.